

# Georgia Weekly Influenza Report

MMWR Week 18

Updated 5/11/2018

## Week 18 (April 29 — May 5, 2018) Synopsis

During week 18 there was **MINIMAL** influenza-like illness intensity with **SPORADIC** occurrences throughout Georgia.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **2.14%**, which is **ABOVE** the regional baseline of 1.9%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **SPORADIC** during week 18.
- **Metro Area Hospitalizations:** There was 1 hospitalization due to influenza infection during week 18. There have been 3,126 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** As of week 18, there have been 146 confirmed influenza-associated deaths (4 pediatric) for the 2017-2018 season.
- **Viral Surveillance:** Of the **367** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 18, **7 (1.91%)** were positive for influenza. Public Health Laboratories tested 3 specimens during week 18, 0 specimens was positive for influenza.
- **Reported Influenza Outbreaks:** There have been **166** influenza outbreaks reported to DPH so far this season.
- **RSV Viral Surveillance:** Of the **262** specimens tested and reported by the Georgia Public Health Laboratory (GPHL) and the National Respiratory and Enteric Virus Surveillance System (NREVSS) collaborating laboratories during week 18, the percent positive of **ALL** laboratory tests was **5%**.

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## Flu News

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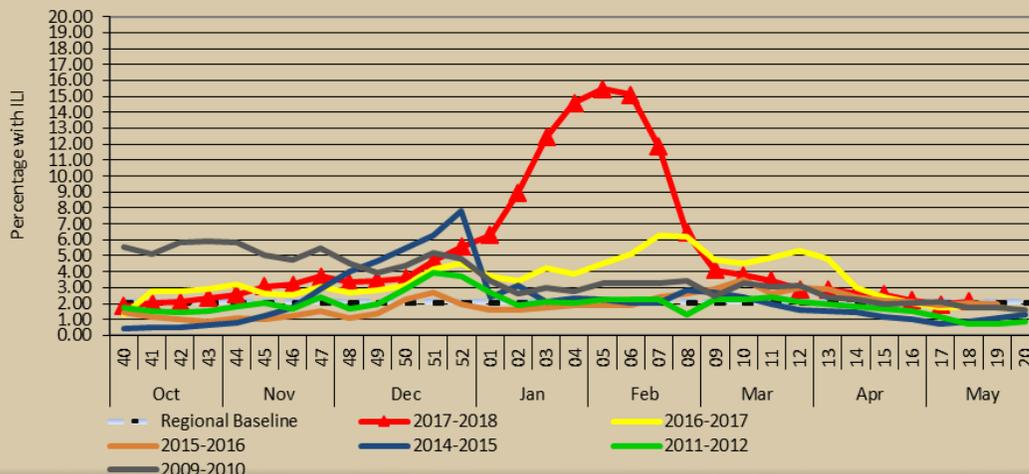
[Flu Scan: Consecutive-year flu vaccination; Avian flu outbreaks in 4 nations](#)

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**Percentage of patients with ILI reported by ILINet providers**  
(Volunteer providers who report percentage of patients with ILI seen by their practice or facility weekly. This week there are currently **46** ILINet providers reporting in Georgia.)

**ILINet Provider Network Data**

**Percentage of patients with ILI who visited an ILINet provider, Georgia, 2017-2018 and Selected Previous Seasons**

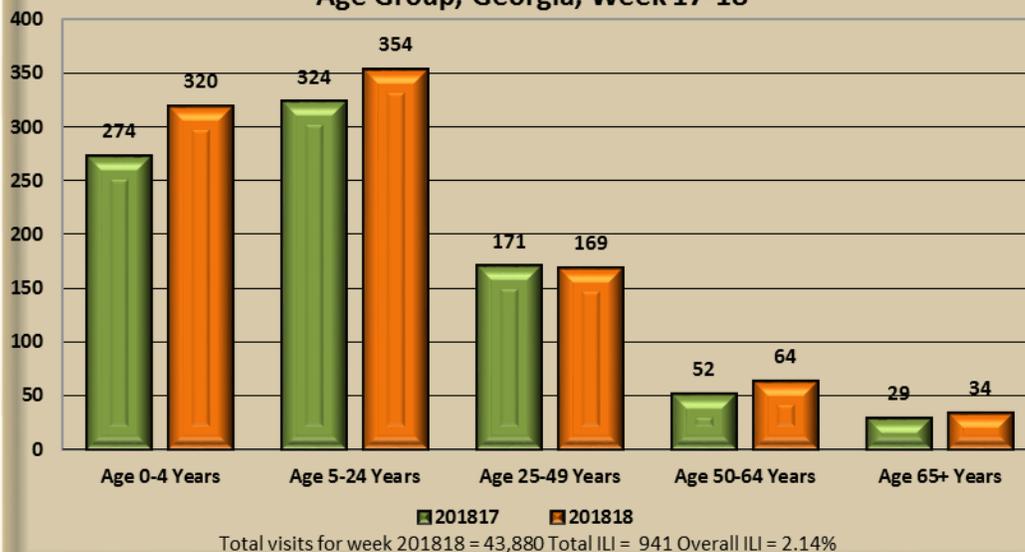


This Week: **2.14%** of patients seen in ILINet Provider offices were seen with ILI.

Note: The Georgia baseline is formulated by averaging ILI percentage during weeks of endemic activity determined by laboratory results for influenza.

**ILINet Patient Visits By Age Group**

**Number of Patients Seen with ILI Among ILINet Providers by Age Group, Georgia, Week 17-18**



**ILINet patient visits by age group**

This graph displays the number of patients seen at sentinel provider offices and diagnosed with ILI in the past week. The data are stratified by age-group.

During **week 18** those 0 – 49 years of age were most often seen with ILI symptoms by ILINet providers.

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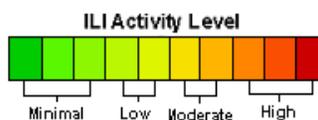
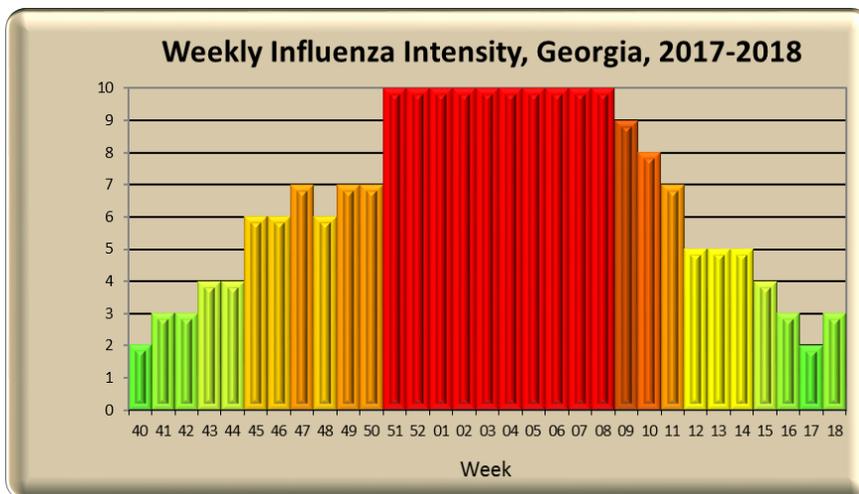
**ILI Activity Level Indicator - ILINet**

(This graph uses the proportion of outpatient visits for ILI to measure the ILI severity in Georgia.) For a national view, visit <http://cdc.gov/flu/weekly/>)

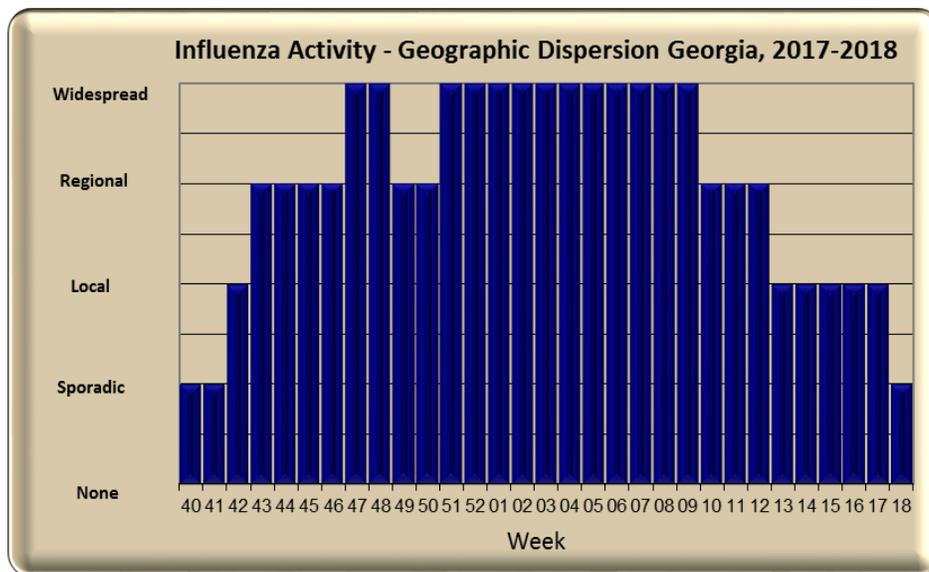
**Georgia ILI Intensity Indicator**

ILI Activity Levels (1 - 10) correspond to the number of standard deviations away from the 3-year mean for the current week.

This week the intensity level is: **Minimal = 3**



**Georgia ILI Geographic Dispersion**



This Week's Flu Code is:

**SPORADIC**

ILI activity has not increased and isolated lab-confirmed cases of influenza  
OR  
ILI activity has not increased and a lab confirmed influenza outbreak in one institution.

**Council of State and Territorial Epidemiologists Report – Geographic Dispersion**

(This graph reflects geographic dispersion and is not an indicator of influenza severity)

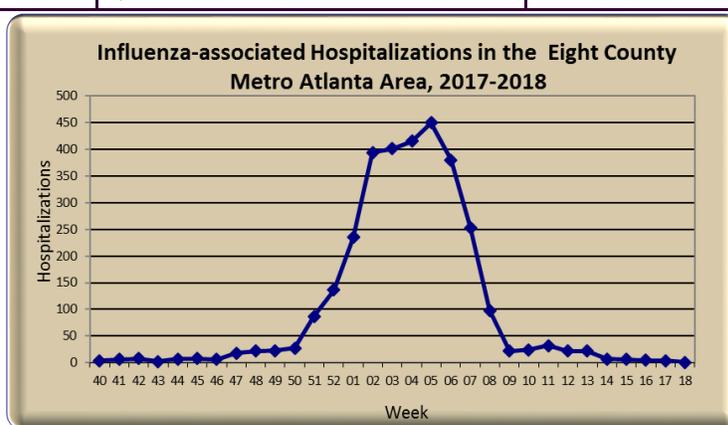


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**\*\*Georgia Influenza-Associated Hospitalizations**

Age Group	Number of Hospitalizations (8- County Metro-Area Only)	Cases/100,000
0 - 4	203	75.51
5 -17	150	20.49
18 - 49	641	34.67
50 - 64	696	95.27
65+	1,436	349.03
Unknown	0	N/A
<b>Total</b>	<b>3,126</b>	<b>78.31</b>

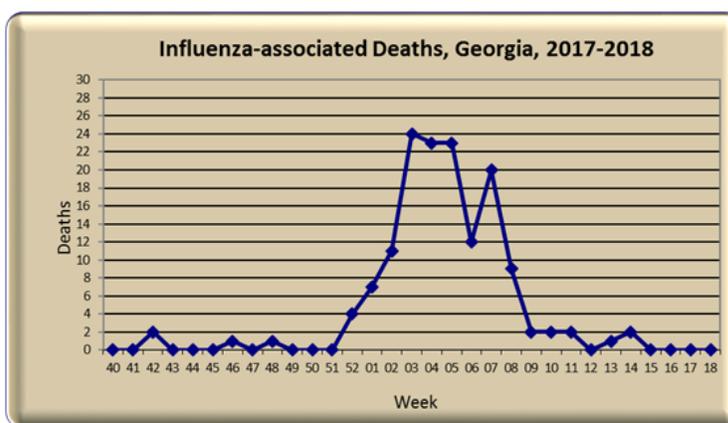
**Influenza Hospitalizations in the eight county metro Atlanta area 2017-2018** (Emerging Infections Program data)



**Georgia Influenza-Associated Deaths**

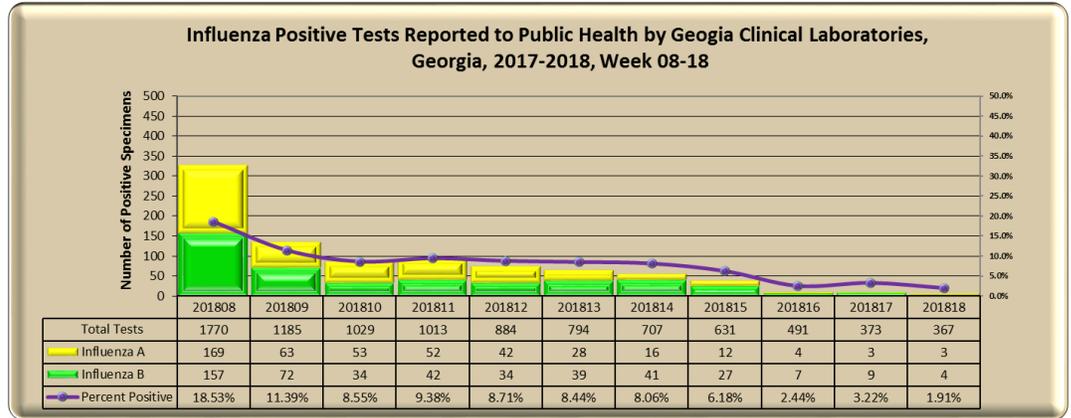
Age Group	Number of Deaths
0 - 4	0
5 -17	4
18 - 51	15
51 - 64	25
65+	102
<b>Total</b>	<b>146</b>

**Influenza-Associated Deaths 2017-2018 Statewide** (Influenza-associated deaths are a notifiable condition in Georgia)



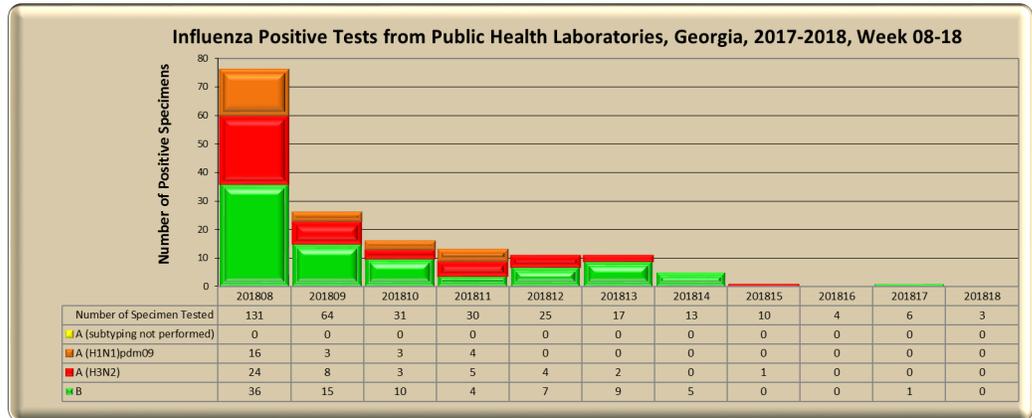
## Georgia Virologic Surveillance Data

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During **week 18** Georgia clinical laboratories reporting to NREVSS tested 367 specimens for influenza, 7 (1.91%) were positive. Both influenza A and B were identified.

Note: No subtyping information will be released from clinical laboratories



Public Health Laboratories tested 3 specimens for influenza during **week 17**.

### Georgia threshold of RSV season onset and end

RSV season onset is defined as the first week of two (2) consecutive weeks when the percent positive of **ALL** lab confirmed tests are greater than or equal to 10%. The end of RSV season is now defined as the first week of two consecutive weeks when the percent positive of **ALL** lab confirmed tests are less than 10%.

**RSV Season Sta-**

**tus: OFF**

## Respiratory Syncytial Virus (RSV) Surveillance Data

